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December 29, 1998

ATTN: BOX PCT

Assistant Commissioner for Patents
Washington, D.C. 20231

ATTN: BOX PCT

Re: Application of Hiroaki TAKAYAMA, Katsuhiro KONNO and Toshie FUJISHIMA
VITAMIN D₃ DERIVATIVE AND ITS PRODUCTION METHOD
Our Reference: Q52816
PCT/JP98/01979, filed April 30, 1998

Dear Sir:

Applicants herewith submit the attached papers for the purpose of entering the National stage under 35 U.S.C. § 371 and in accordance with Chapter I of the Patent Cooperation Treaty. Attached hereto is the application identified above which is a verified translation of PCT International Application No. PCT/JP98/01979, filed April 30, 1998, comprising the specification, claims and International Search Report. The executed Declaration and Power of Attorney and Assignment will be submitted at a later date.

The Government filing fee is calculated as follows:

Total Claims	2 - 20 =	0 x \$18 =	\$ 000.00
Independent Claims	1 - 3 =	0 x \$78 =	\$ 000.00
Base Filing Fee	(\$840.00)		\$ 840.00
Multiple Dep. Claim Fee	(\$260.00)		\$ 000.00
TOTAL FILING FEE			\$ 840.00

A check for the statutory filing fee of \$ 840.00 is attached. You are also directed and authorized to charge or credit any difference or overpayment to Deposit Account No. 19-4880. The Commissioner is hereby authorized to charge any fees under 37 C.F.R. 1.16 and 1.17 and any petitions for extension of time under 37 C.F.R. 1.136 which may be required during the entire pendency of the application to Deposit Account No. 19-4880. A duplicate copy of this transmittal letter is attached.

Priority is claimed from:

Japanese Patent Application

9-114695

Filing Date

May 2, 1997

Respectfully submitted,
SUGHRUE, MION, ZINN, MACPEAK & SEAS
Attorneys for Applicant(s)

By:

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WAB:clf